REPUBLIC OF TURKEY

EXAMINATION & ANALYSIS REPORT

Report / Rev No :
Report Date :
Date of the Letter Received Regarding the Sample :
Number :

A) SAMPLE PARTICULARS

The Purpose of Analysis : Private Demand

Sample **Sent by** :
Address :

Date/ Number of Sampling Protocol :
Security Seal Number :

Sample of **Type** : ORGANIC RED PEPPER FLAKES
Batch/ Part No : -
Packing :
Quantity : 250g
Production Date :
Expire Date :
Best Before Date :
Manufacture/Exporter/İmporter :
Date Received :
Location :

Sample Code/Company Name :
Sample Received Date & Hour :
Temperature [1] (ºC) : 23.1°C
Start of Analysis Date & Hour :
End of Analysis Date & Hour :

[1]As a result of the examination and analysis, the above mentioned values were determined.

B) RESULTS OF ANALYSIS

ANALYSIS	RESULT		LOD/ LOQ	MU(±)	R(%)	DEVICE	ANALYSIS OF METHOD	EL	ER	E
Sudan Boyaları Tayin	-	mg/kg	/			LC-MS/MS	İşletme İçi Metot-"FORMÜL.SOP.01.178" (Waters App. Note;Determination of Banned Dyes in Food Source by QuEChERS and LC MS/MS Analysis Agilent Technologies' ten modifiye edilmiştir.)			
Sudan I	Not Detected	mg/kg	/ 0,01			LC-MS/MS	İşletme İçi Metot-"FORMÜL.SOP.01.178" (Waters App. Note;Determination of Banned Dyes in Food Source by QuEChERS and LC MS/MS Analysis Agilent Technologies' ten modifiye edilmiştir.)	Bulunmamalı	T.C. Tarım ve Orman Bakanlığı Ulusal Gıda Referans Laboratuvar Müdürlüğü Sudan Boyaları Analizi Metot Birlikteliği Talimatı (Tarihli 21/01/2025)	P
Sudan II	Not Detected	mg/kg	/ 0,01			LC-MS/MS	İşletme İçi Metot-"FORMÜL.SOP.01.178" (Waters App. Note;Determination of Banned Dyes in Food Source by QuEChERS and LC MS/MS Analysis Agilent Technologies' ten modifiye edilmiştir.)	Bulunmamalı	T.C. Tarım ve Orman Bakanlığı Ulusal Gıda Referans Laboratuvar Müdürlüğü Sudan Boyaları Analizi Metot Birlikteliği Talimatı (Tarihli 21/01/2025)	P

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ANALYSIS	RESULT		LOD/ LOQ	MU(±)	R(%)	DEVICE	ANALYSIS OF METHOD	EL	ER	E
Sudan III	Not Detected	mg/kg	/ 0,01			LC-MS/MS	İşletme İçi Metot-"FORMÜL.SOP.01.178" (Waters App. Note;Determination of Banned Dyes in Food Source by QuEChERS and LC MS/MS Analysis Agilent Technologies' ten modifiye edilmiştir.)	Bulunmamalı	T.C. Tarım ve Orman Bakanlığı Ulusal Gıda Referans Laboratuvar Müdürlüğü Sudan Boyaları Analizi Metot Birlikteliği Talimatı (Tarihli 21/01/2025)	P
Sudan IV+ Sudan Red B	Not Detected	mg/kg	/ 0,01			LC-MS/MS	İşletme İçi Metot-"FORMÜL.SOP.01.178" (Waters App. Note;Determination of Banned Dyes in Food Source by QuEChERS and LC MS/MS Analysis Agilent Technologies' ten modifiye edilmiştir.)	Bulunmamalı	T.C. Tarım ve Orman Bakanlığı Ulusal Gıda Referans Laboratuvar Müdürlüğü Sudan Boyaları Analizi Metot Birlikteliği Talimatı (Tarihli 21/01/2025)	P
Para Red	Not Detected	mg/kg	/ 0,05			LC-MS/MS	İşletme İçi Metot-"FORMÜL.SOP.01.178" (Waters App. Note;Determination of Banned Dyes in Food Source by QuEChERS and LC MS/MS Analysis Agilent Technologies' ten modifiye edilmiştir.)	Bulunmamalı	T.C. Tarım ve Orman Bakanlığı Ulusal Gıda Referans Laboratuvar Müdürlüğü Sudan Boyaları Analizi Metot Birlikteliği Talimatı (Tarihli 21/01/2025)	P
Rhodamine B	Not Detected	mg/kg	/ 0,01			LC-MS/MS	İşletme İçi Metot-"FORMÜL.SOP.01.178" (Waters App. Note;Determination of Banned Dyes in Food Source by QuEChERS and LC MS/MS Analysis Agilent Technologies' ten modifiye edilmiştir.)	Bulunmamalı	T.C. Tarım ve Orman Bakanlığı Ulusal Gıda Referans Laboratuvar Müdürlüğü Sudan Boyaları Analizi Metot Birlikteliği Talimatı (Tarihli 21/01/2025)	P
Sudan Red G	Not Detected	mg/kg	/ 0,01			LC-MS/MS	İşletme İçi Metot-"FORMÜL.SOP.01.178" (Waters App. Note;Determination of Banned Dyes in Food Source by QuEChERS and LC MS/MS Analysis Agilent Technologies' ten modifiye edilmiştir.)	Bulunmamalı	T.C. Tarım ve Orman Bakanlığı Ulusal Gıda Referans Laboratuvar Müdürlüğü Sudan Boyaları Analizi Metot Birlikteliği Talimatı (Tarihli 21/01/2025)	P
Sudan Red 7B	Not Detected	mg/kg	/ 0,01			LC-MS/MS	İşletme İçi Metot-"FORMÜL.SOP.01.178" (Waters App. Note;Determination of Banned Dyes in Food Source by QuEChERS and LC MS/MS Analysis Agilent Technologies' ten modifiye edilmiştir.)	Bulunmamalı	T.C. Tarım ve Orman Bakanlığı Ulusal Gıda Referans Laboratuvar Müdürlüğü Sudan Boyaları Analizi Metot Birlikteliği Talimatı (Tarihli 21/01/2025)	P

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B) RESULTS OF ANALYSIS

ANALYSIS	RESULT		LOD/ LOQ	MU(±)	R(%)	DEVICE	ANALYSIS OF METHOD	EL	ER	E
Sudan Orange G	Not Detected	mg/kg	/ 0,01			LC-MS/MS	İşletme İçi Metot-"FORMÜL.SOP.01.178" (Waters App. Note;Determination of Banned Dyes in Food Source by QuEChERS and LC MS/MS Analysis Agilent Technologies' ten modifiye edilmiştir.)	Bulunmamalı	T.C. Tarım ve Orman Bakanlığı Ulusal Gıda Referans Laboratuvar Müdürlüğü Sudan Boyaları Analizi Metot Birlikteliği Talimatı (Tarihli 21/01/2025)	P
Sudan Black B	Not Detected	mg/kg	/ 0,01			LC-MS/MS	İşletme İçi Metot-"FORMÜL.SOP.01.178" (Waters App. Note;Determination of Banned Dyes in Food Source by QuEChERS and LC MS/MS Analysis Agilent Technologies' ten modifiye edilmiştir.)	Bulunmamalı	T.C. Tarım ve Orman Bakanlığı Ulusal Gıda Referans Laboratuvar Müdürlüğü Sudan Boyaları Analizi Metot Birlikteliği Talimatı (Tarihli 21/01/2025)	P
Sudan Yellow (Dimethyl Yellow)	Not Detected	mg/kg	/ 0,01			LC-MS/MS	İşletme İçi Metot-"FORMÜL.SOP.01.178" (Waters App. Note;Determination of Banned Dyes in Food Source by QuEChERS and LC MS/MS Analysis Agilent Technologies' ten modifiye edilmiştir.)	Bulunmamalı	T.C. Tarım ve Orman Bakanlığı Ulusal Gıda Referans Laboratuvar Müdürlüğü Sudan Boyaları Analizi Metot Birlikteliği Talimatı (Tarihli 21/01/2025)	P
Fast Garnet (o-aminoazo toluene)	Not Detected	mg/kg	/ 0,01			LC-MS/MS	İşletme İçi Metot-"FORMÜL.SOP.01.178" (Waters App. Note;Determination of Banned Dyes in Food Source by QuEChERS and LC MS/MS Analysis Agilent Technologies' ten modifiye edilmiştir.)	Bulunmamalı	T.C. Tarım ve Orman Bakanlığı Ulusal Gıda Referans Laboratuvar Müdürlüğü Sudan Boyaları Analizi Metot Birlikteliği Talimatı (Tarihli 21/01/2025)	P

As a result of the examination and analysis, the above mentioned values were determined.

C) ABBREVIATIONS

E: Evaluation, P: Pass, F: Fail, NI: Not Interpreted, ER: Evaluation Regulations, MU: Measurement Uncertainty, R: Recovery, EL: Evaluation Limit

D) DESCRIPTIONS

E) EVALUATION

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EXAMINATION & ANALYSIS REPORT

F) WARNINGS
1. No part of this analysis report may be used alone or separately. 2. The analysis results are valid only for the condition of the sample as received, since the laboratory did not perform the sampling activity. 3. This report may not be partially copied or reproduced without the written permission of the laboratory. 4. *Accredited analysis. ** Analysis results have been corrected with recovery. 5. When necessary, “Measurement Uncertainty (MU)” and “Recovery (R)” rate are provided with the analysis result. 6. This report cannot be used for “Judicial and Administrative Procedures and Advertising Purposes” in special request analyses. 7. The information regarding the sample in the analysis report has been declared by the customer. Our laboratory is not responsible for the accuracy of this information or for any losses/legal obligations that may arise from its use. 8. Measurement uncertainty does not include sampling and has been calculated using k=2 at a 95% confidence level. 9. Reports without a cover letter or without the signature on the cover letter are invalid.

Dilara GÜVEN

Supervisor of Sample
Receiving and Reporing

e-signed

Abdülkadir ŞAHİN

Supervisor of Chemistry
Analysis Laboratory

e-signed

Approved

Yunus Emre YILMAZ

Manager of Laboratory

e-signed